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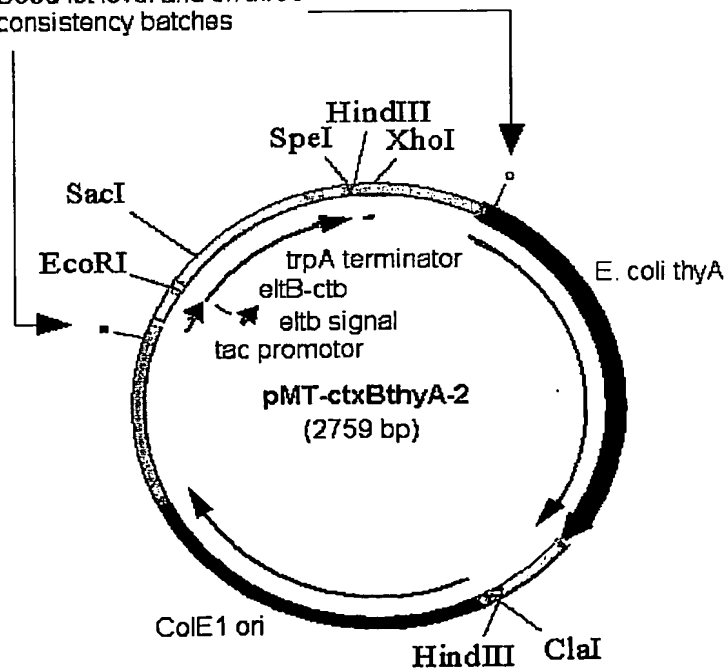
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(54) Title: **EXPRESSION SYSTEM FOR THE B SUBUNIT OF CHOLERA TOXIN**

Portion of the
pMT-ctxBthyA-2
plasmid for which DNA
sequence has been
obtained both on Master
Seed lot level and on three
consistency batches



(57) Abstract: The present invention provides an expression system for obtaining improved yield of the B subunit of a cholera toxin (CTB) wherein the expression system comprises a *Vibrio cholerae* host cell lacking the functionality of a *thyA* gene; and an expression vector comprising a functional *thyA* gene and a CTB gene which is substantially free of the flanking sequences immediately contiguous by the 5' and 3' end of the CTB gene in the naturally occurring genome of the host cell from which the CTB gene is derived. The present invention also provides a method of producing CTB, and an isolated nucleic acid construct that is used as an expression vector in the expression system.



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